



**Mining, Construction, Quarry Equipment & Spare Parts**

AN ISO 9001 : 2015 CERTIFIED COMPANY

2021

## About Us

In 1962, Kantilal Shah founded and established a Company named Vikrant Industrial Mart. He started off his journey as a small entrepreneur for supply of Spare Parts for Air Compressor, Mining and Quarry Equipment, focusing in domestic market. Later on, his son's joined his business and diversified into the manufacturing and export.

In 2000, his elder son Prajay Shah established a new firm Vikay Mining Equipments, specially focusing in overseas market to provide quality product with value-added solutions to meet the global customer requirements.

Vikay is a leading Exporter of OEM Quality replacement spare parts for Air Compressor, Open Cast & Quarry Equipment, Underground & Tunneling Equipment and Construction Air Tools, Instrumentation Valves & Fittings

As an established firm, our success comes from identifying and understanding the needs of customers, vendors, and employee. We as an organization are driven by passion to provide valued-added solutions with Honesty, Commitment and Professionalism.

We would like thank our existing customers, vendors and employees for their continuous support and commitment. We welcome our new customers to serve your needs and requirements.

## Core Purpose

"To do things differently, beyond expectations thereby leaving a mark."

## Core Values

- Domain Expertise - *Specialize in the field*
- Valuing Time - *Time Value is valued*
- Think long term - *Being Visionary*
- Students for Life - *Zeal to learn*

## BHAG

(Big Hairy Audacious Goal)

"To be a global billion dollar E-tailer company by 2030"

## Opencast Mining Equipment

# Rock Drill

### Vikay Hand Held Rock Drill / Jack Hammer Model VK-65

The Most Popular and powerful Hand Held Rock Drill / Jack Hammer in World. It has low air consumption and a very high drilling rate in relation to weight. Basically used for Blast Hole Drilling, Tunneling, Quarry Works and Construction sites.

It is capable of drilling 27 - 40 mm dia hole with H - 22 integral / extension steel up to depth of 6 Meter.



This Rock Drill is made of Top quality raw material, valves, piston & other moving spares, are made from shock resistance Tool Steel and then heat treated to specified rockwell hardness for toughness and durability.

Back head, Cylinder, Front Head & retainers are made from Carbonizing grade of Drop Forged & Specially heat treated.

#### Salient Features

- Light Weight
- High Torque
- Large Sliding Face
- High Penetration in hard & soft rock
- Low spare parts consumption

#### Technical Data

Model	VK-65	
Weight	25 Kgs	55 lbs
Overall Length	565 mm	23"
Air Consumption	58 l/s	123 cfm
Working Pressure Max.	6 bar	87 psig
Piston Diameter	65 mm	2 1/2"
Piston Stroke	60 mm	2 3/8"
Chuck Size	22 H x 108 mm	7/8" H x 4 1/4"
Impact Rate	2000 blows / min	
Drilling Rate	425 mm / min	

# Drifter

### Vikay Top Hammer Heavy Duty Rock Drill / Pneumatic Drifter Model VK-12

The Drifter is Rifle-Bar rotated heavy duty Rock Drill mounted on Rig for drifting and tunneling, making it ideal for such application as bench drilling in open-pit mines and Lime stone quarries, in underground Mining and Tunneling for Ring Drilling and Face Drilling, with the feature of reversible Rotation, which can also be disengaged so that only impact mechanism works.



Flushing is possible as air blowing or water flushing, all drill functions are operated from a control unit.

#### Technical Data

Model	VK-12	
Weight	70 Kgs	154 lbs
Overall Length	780 mm	30 3/4"
Air Consumption	167 l/s	354 cfm
Working Pressure Max.	7 bar	100 psig
Piston Diameter	120 mm	4 3/4"
Piston Stroke	65 mm	2 1/2"
Impact Rate	35 Hz	
Impact Power Max.	7.2 kW	
Rotation Speed	0 – 210 rpm	
Hole Diameters	48 – 76 mm	
Drill Steel	R32, R38, T38	

## Wagon Drill (TH and DTH Version)

Vikay Pneumatic Wagon Drill Suitable for Top Hammer and Down the Hole drilling



A robust rubber tyre three wheel pneumatic Wagon Drill, with the option of TH version - Top Hammer and DTH Version - Down-the-hole Hammer, which is an alternative to mechanization of hand held drilling.

The Wagon Drill design for production drilling in open-cast mines and quarry, grouting, anchoring with special shortened mast, used for production drilling in underground mines.

**Optional** - Conversion Kit to convert TH version to DTH Version and Vice-versa. Drilling Range 48 mm to 155 mm

### TH version (Top Hammer)

The TH version of is equipped with the robust Pneumatic Top Hammer with rifle bar rotation model VK-12 Pneumatic Drifter, well known for its simplicity and reliability. Suitable for hole sizes from 48 - 76 mm and depth upto 20 - 40 Meters.

### DTH version (Down-The-Hole Hammer)

The DTH version is fitted with powerful piston type rotation Air motor, Type BBR-4, suitable for Pneumatic 3" and 4" DTH Hammers. Offering a wide selection of drill hole sizes from 85 to 130 mm, and depth upto 40 Meters.

### Salient Features

Hydraulic Hand pump for Boom Lift, Mechanical Jack, Pneumatic Power Steering with Tow Bar for Tramming and easy to shift from hole to hole, available in different lengths of Feed Beam viz :

- Open Cast Mines - 5.1 Meter long
- Sand & Lime stone mines - 4.2 Meter long
- Underground Mines - 2.5 Meter long

### Technical data

#### TH Version (Top hammer)

Pneumatic Drifter	VK - 12
Hole Diameter	48-76 mm
Drill Steel	R32, R38, T38
Drill Steel Length	1.20 Meter, 2.50 Meter, 3 Meter
Air Consumption	400 cfm @ 7 Bar

#### DTH Version (Down-The-Hole hammer)

Rotation Drive Unit	Type BBR-4, Thread - API 2 3/8"
Hole Diameter	85-130 mm
Drill Tube Diameter	70 / 76 mm
Drill Tube Length	1.20 Meter, 2.50 Meter, 3 Meter
Operating Pressure	12 Bar Max.
Maximum Torque	900 Nm
Air consumption	450 cfm @ 10.5 Bar
Suitable Hammer	3", 4" Hammer

#### Feed and boom

Feed type	Chain drive
Feed length, total	5,430 mm, 4425 mm, 2825 mm
Travel length	3,940 mm, 2200 mm, 1500 mm
Feed force	8 kN 1,800 lbf
Boom type	Single section Hand Operated Hyd. Cylinder

Drill control panel	Side mounted
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#### Carrier

Traction type	Pneumatic wheel drive
Tramming speed	2 km/h Max. 1.3 mph
Traction force	7.8 kN Max. 1,750 lbf
Hill climbing ability	20 degrees
Track oscillation	N/A
Ground clearance	310 mm 1 feet

#### Transport dimensions

Weight	1,340 kg 2,948 lb
Transport position	
- Length	5,430 mm 17' 9"
- Width	2,100 mm 6' 10"
- Height	1,600 mm 5' 3"

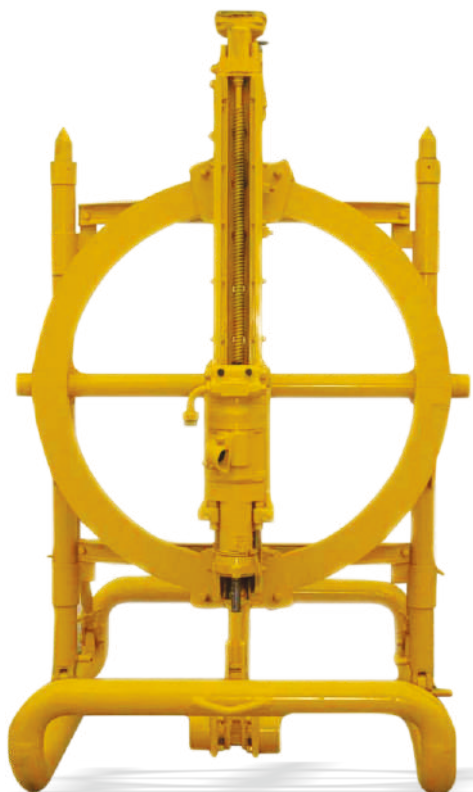
#### TH Version

#### DTH Version



## Junior Simba Machine - Standard Version

Vikay Junior Simba Machine / Ring Drilling Equipment for Underground Mines



### Junior Simba Machine - Standard

Also known as Ring Drilling Equipment is designed for underground mines and Tunnel to drill in 360° rotation for conventional drilling, at any angle for small mines of 3 Meter radius. The same is easy to dismantle & easy to move from one place to another.

Suitable application for drilling, tunneling, drifting & long hole drilling.

#### Technical data

Junior Simba	Standard Version
Pneumatic drifter	VK – 12
Hole Diameter	51 - 64 mm
Drill Rod Size	R32
Drill Rod Length	1.20 Meter
Drilling Length	25 Meter Max.
Air consumption	400 cfm @ 7 Kgs/cm <sup>2</sup>
Drilling Rate	4 Minute per Meter
Feed Beam	Screw Feed Type BMS-46
Rod Catcher	Pneumatic Type BSP-10
Ring Size	1500 mm
Dimension in mm	1780 x 1550 x 2600 (L x W x H)
Column Bar Height in mm	Closed - 2200 mm, Open - 3700 mm
Net Weight - Version	
- Standard	1200 Kgs
- Lateral Movement	1500 Kgs

#### Optional:

A) Lateral Movement Version - For Parallel Hole Drilling





## Rock Drill



### Replacement Parts for Rock Drill / Hand Held Drill

#### Atlas copco

RH 571-5L, RH 571-3L  
RH 658-5L, RH 658-4L, RH 658-4W  
BBD-12D, TEX-9D, TEX-11D

#### Chicago Pneumatic

CP-9, CP-9CS, CP-9BS, CP 14RR  
CP-32A, CP-69

#### Compair Holman

SL-303, SL-9G

## Drifter



### Replacement Parts for Pneumatic Drifter

#### Atlas copco

BBC-43  
BBC-100  
BBC-120-F  
BBE 57

## Paving Breaker



### Replacement Parts for Pneumatic Paving Breaker

#### Atlas Copco

TEX-32  
TEX-37

#### Chicago Pneumatic

CP-117, CP-1170,  
CP-1210, CP-1230, CP-1240

## Wagon Drill



### Replacement Parts for Pneumatic Wagon Drill & Crawler Drill

#### Atlas Copco Wagon Drill

BVB 25-10 Top Hammer  
BVB 25-12 DTH Hammer

#### Atlas Copco Crawler Drill

ROC 203

Rotation Drive Unit Type BBR-4 | Gear Housing | Planetary Gears  
| Piston Motors | Feed Beam | Drill Steel Support | Cradle | Chain  
Tensioner

## Simba Junior



### Replacement Parts for Atlas Copco Simba Junior

- Screw Feed Beam Type BMS 46
- Pneumatic Drill Steel Support Type BSP 10
- Cradle for BBC-120F
- Remote Control
- Motor Housing Complete
- Feed Screw
- Bearing Casing Top & Bottom

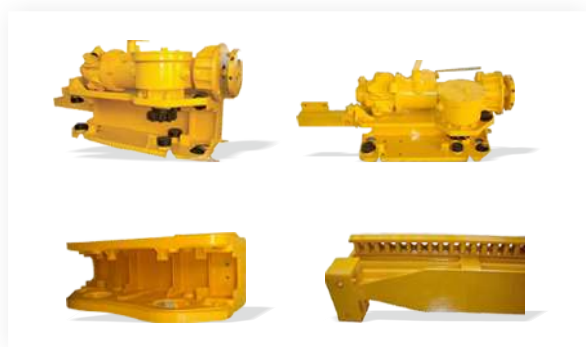
## Mucking Machine Cavo 310



### Replacement Parts for Atlas Copco Mucking Machine Model Cavo 310

- Air Motor - Bucket & Traction
- Air Control
- Lubricator
- Traction Gear
- Cylinder
- Bushing with valve

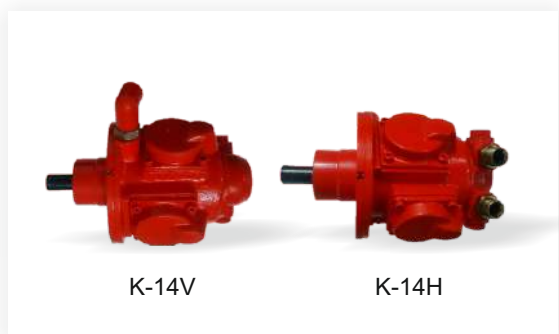
## Alimak Raise Climber



### Replacement Parts for Pneumatic Alimak Raise Climber

- Drive Unit with Air Motors
- Service Unit – Alicab
- Air Motor K-14V / 14H
- Worm Gears
- Safety Brake
- U Frame
- Spacer, Bracket, Expansion
- Guide Rail – 1 - 2 Meter, 3°, 7°, 8°, 25°

## Air Motors For Alimak Raise Climber



### Replacement Parts for Pneumatic Alimak Raise Climber

- Air Motor (K-14V) - P/n. 9013834 101
- Air Motor (K-14H) - P/n. 9013834 102



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